

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/664,029  
Source: TFW16  
Date Processed by STIC: 3-29-05

***ENTERED***



IFW16

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/664,029

DATE: 03/29/2005

TIME: 12:34:48

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\03292005\J664029.raw

3 <110> APPLICANT: HAYNES, Barton F.  
 4 PATEL, Dhavalkumar D.  
 5 ALAM, Munir  
 6 LIAO, Hua-Xin  
 8 <120> TITLE OF INVENTION: IMMUNOGEN  
 10 <130> FILE REFERENCE: 1579-804  
 12 <140> CURRENT APPLICATION NUMBER: 10/664,029  
 13 <141> CURRENT FILING DATE: 2003-09-17  
 15 <150> PRIOR APPLICATION NUMBER: 09/960,717  
 16 <151> PRIOR FILING DATE: 2001-09-24  
 18 <150> PRIOR APPLICATION NUMBER: 60/234,327  
 19 <151> PRIOR FILING DATE: 2000-09-22  
 21 <150> PRIOR APPLICATION NUMBER: 60/285,173  
 22 <151> PRIOR FILING DATE: 2001-04-23  
 24 <150> PRIOR APPLICATION NUMBER: 60/323,697  
 25 <151> PRIOR FILING DATE: 2001-09-21  
 27 <150> PRIOR APPLICATION NUMBER: 60/323,702  
 28 <151> PRIOR FILING DATE: 2001-09-21  
 30 <160> NUMBER OF SEQ ID NOS: 10  
 32 <170> SOFTWARE: PatentIn Ver. 2.1  
 34 <210> SEQ ID NO: 1  
 35 <211> LENGTH: 31  
 36 <212> TYPE: PRT  
 37 <213> ORGANISM: Artificial Sequence  
 39 <220> FEATURE:  
 40 <223> OTHER INFORMATION: Description of Artificial Sequence: Human Immunodeficiency

Virus

42 <400> SEQUENCE: 1  
 43 Met Asp Tyr Gln Val Ser Ser Pro Ile Tyr Asp Ile Asn Tyr Tyr Thr  
 44 1 5 10 15  
 46 Ser Glu Pro Cys Gln Lys Ile Asn Val Lys Gln Ile Ala Ala Arg  
 47 20 25 30

50 &lt;210&gt; SEQ ID NO: 2

51 &lt;211&gt; LENGTH: 36

52 &lt;212&gt; TYPE: PRT

53 &lt;213&gt; ORGANISM: Artificial Sequence

55 &lt;220&gt; FEATURE:

56 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence: Human Immunodeficiency

Virus

58 <400> SEQUENCE: 2  
 59 Tyr Thr Ser Leu Ile His Ser Leu Ile Glu Glu Ser Gln Asn Gln Gln  
 60 1 5 10 15  
 62 Glu Lys Asn Glu Gln Glu Leu Leu Glu Leu Asp Lys Trp Ala Ser Leu  
 63 20 25 30

65 Trp Asn Trp Phe

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66 35  
 69 <210> SEQ ID NO: 3  
 70 <211> LENGTH: 36  
 71 <212> TYPE: PRT  
 72 <213> ORGANISM: Artificial Sequence  
 74 <220> FEATURE:  
 75 <223> OTHER INFORMATION: Description of Artificial Sequence: Human Immunodeficiency Virus  
 77 <400> SEQUENCE: 3  
 78 Trp Met Glu Trp Asp Arg Glu Ile Asn Asn Tyr Thr Ser Leu Ile His  
 79 1 5 10 15  
 81 Ser Leu Ile Glu Glu Ser Gln Asn Gln Gln Glu Lys Asn Glu Gln Glu  
 82 20 25 30  
 84 Leu Leu Glu Leu  
 85 35  
 88 <210> SEQ ID NO: 4  
 89 <211> LENGTH: 36  
 90 <212> TYPE: PRT  
 91 <213> ORGANISM: Artificial Sequence  
 93 <220> FEATURE:  
 94 <223> OTHER INFORMATION: Description of Artificial Sequence: Human Immunodeficiency Virus  
 95 97 <400> SEQUENCE: 4  
 98 Trp Met Glu Trp Asp Arg Glu Ile Asn Asn Tyr Thr Ser Leu Ile His  
 99 1 5 10 15  
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 102 20 25 30  
 104 Leu Leu Glu Leu  
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 108 <210> SEQ ID NO: 5  
 109 <211> LENGTH: 7  
 110 <212> TYPE: PRT  
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 115 117 <400> SEQUENCE: 5  
 118 Glu Leu Asp Lys Trp Ala Ser  
 119 1 5  
 122 <210> SEQ ID NO: 6  
 123 <211> LENGTH: 38  
 124 <212> TYPE: PRT  
 125 <213> ORGANISM: Artificial Sequence  
 127 <220> FEATURE:  
 128 <223> OTHER INFORMATION: Description of Artificial Sequence: Human Immunodeficiency Virus  
 131 <400> SEQUENCE: 6  
 132 Asn Asn Leu Leu Arg Ala Ile Glu Ala Gln Gln His Leu Leu Gln Leu  
 133 1 5 10 15  
 135 Thr Val Trp Gly Ile Lys Gln Leu Gln Ala Arg Ile Leu Ala Val Glu

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136 20 25 30  
138 Arg Tyr Leu Lys Asp Gln  
139 35  
142 <210> SEQ ID NO: 7  
143 <211> LENGTH: 23  
144 <212> TYPE: PRT  
145 <213> ORGANISM: Artificial Sequence  
147 <220> FEATURE:  
149 <223> OTHER INFORMATION: Description of Artificial Sequence: Human Immunodeficiency  
Virus  
151 <400> SEQUENCE: 7  
152 Thr Arg Pro Asn Asn Asn Thr Arg Glu Arg Leu Ser Ile Gly Pro Gly  
153 1 5 10 15  
155 Arg Ala Phe Tyr Ala Arg Arg  
156 20  
159 <210> SEQ ID NO: 8  
160 <211> LENGTH: 21  
161 <212> TYPE: PRT  
162 <213> ORGANISM: Artificial Sequence  
164 <220> FEATURE:  
165 <223> OTHER INFORMATION: Description of Artificial Sequence: Human Immunodeficiency  
Virus  
167 <400> SEQUENCE: 8  
168 Ile Lys Gln Ile Ile Asn Met Trp Gln Lys Val Gly Lys Ala Met Tyr  
169 1 5 10 15  
171 Ala Pro Pro Ile Ser  
172 20  
175 <210> SEQ ID NO: 9  
176 <211> LENGTH: 40  
177 <212> TYPE: PRT  
178 <213> ORGANISM: Artificial Sequence  
180 <220> FEATURE:  
181 <223> OTHER INFORMATION: Description of Artificial Sequence: Human Immunodeficiency  
Virus  
183 <400> SEQUENCE: 9  
184 Lys Gln Ile Ile Asn Met Trp Gln Glu Val Gly Lys Ala Met Tyr Ala  
185 1 5 10 15  
187 Cys Thr Arg Pro Asn Tyr Asn Lys Arg Lys Arg Ile His Ile Gly Pro  
188 20 25 30  
190 Gly Arg Ala Phe Tyr Thr Thr Lys  
191 35 40  
193 <210> SEQ ID NO: 10  
194 <211> LENGTH: 39  
195 <212> TYPE: PRT  
196 <213> ORGANISM: Artificial Sequence  
198 <220> FEATURE:  
199 <223> OTHER INFORMATION: Description of Artificial Sequence: Human Immunodeficiency  
Virus  
201 <400> SEQUENCE: 10  
202 Lys Gln Ile Ile Asn Met Trp Gln Glu Val Gly Lys Ala Met Tyr Ala  
203 1 5 10 15  
205 Thr Arg Pro Asn Asn Asn Thr Arg Glu Arg Leu Ser Ile Gly Pro Gly  
206 20 25 30

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208 Arg Ala Phe Tyr Ala Arg Arg

209 35

**VERIFICATION SUMMARY**

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